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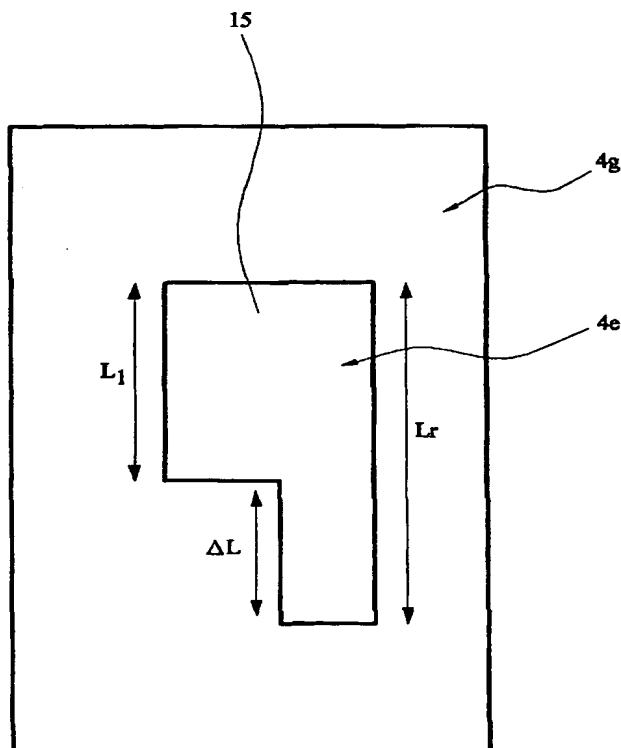
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(54) Title: OPTICAL INTERFEROMETER



(57) Abstract: The present invention relates to an integrated optical waveguide interferometer including a sensing waveguide with a path of interaction (with the localised environment) having different optical lengths, and to a method for determining the absolute status thereof after the introduction into the localised environment of (or changes in) a stimulus of interest and to a method for determining the absolute calibration status thereof before the introduction into the localised environment of (or changes in) a stimulus of interest.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01B9/02 G01D5/353 G01N21/77 G01N21/45

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, COMPENDEX, INSPEC, PAJ, IBM-TDB, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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A	TH. SCHUBERT, N. HAASE ET.AL.: "Refractive-index measurements using an integrated Mach-Zehnder interferometer" SENSORS AND ACTORS A, 1997, pages 108-112, XP002243762 the whole document ---	1-32
A	US 5 521 704 A (THIEL JURGEN ET AL) 28 May 1996 (1996-05-28) the whole document --- -/--	1-32

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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